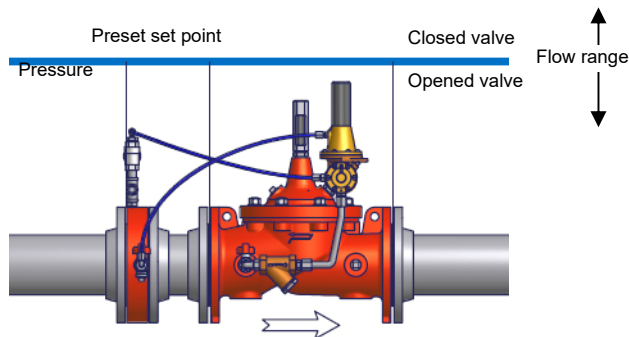


### ► Simple, Reliable and Accurate

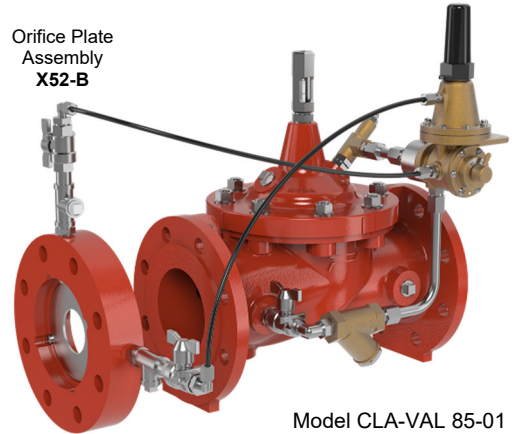
- Completely Automatic Operation
- Easy Adjustment and Maintenance
- Quality Approved Materials
- World Wide Support

#### ► CLA-VAL SERIES 85 Main Function



3-Way Excess  
Differential Pressure  
Control **CDHS-3A-A2-3**

Orifice Plate  
Assembly  
**X52-B**



Model CLA-VAL 85-01

The CLA-VAL SERIES 85 is an excess flow or excess pressure shut-off valve. When flow or pressure reaches a preset value, the valve closes.

#### ► CLA-VAL 85-01 & 85-03 Typical Application

The CLA-VAL 85-01 is equipped with an orifice plate upstream the valve. When flow increases, the differential pressure increases too. When maximum preset flow is reached, the valve closes. Below the preset flow, the valve remains fully open.

The CLA-VAL 85-01 is designed to work with high system pressure (>10 bar).

The CLA-VAL 85-03 is typically installed to prevent water losses and/or pressure damages in case of pipe breaks.

#### *Make your valve even Better!*

<i>LFS Option?</i>	<i>Control</i> Low flows or night flows
<i>KO Option?</i>	<i>Extend</i> valve life with Anti-Cavitation trim
<i>KG1 Option?</i>	<i>Use</i> stem cleaning for harsh water
<i>Maintenance?</i>	<i>Check</i> on periodic maintenance
<i>Environment?</i>	<i>Adapt</i> to high temperatures or frost risk
<i>Security?</i>	<i>Add</i> hydraulic safety back-up to your valve
<i>Protection?</i>	<i>Remove</i> excessive system overpressures
<i>Corrosion?</i>	<i>Protect</i> your valve with upgraded materials

*Not just Products but Solutions: contact CLA-VAL!*

Recommended typical  
assembly for CLA-VAL  
automatic control valves

